

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8915 (1978): Dimensions for depressed centre wheels Type  
27 [PGD 9: Abrasives]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



BLANK PAGE



Abrasive Sectional Committee, EDC 13; Grinding Wheels Subcommittee, EDC 13:1 [Ref: Doc: EDC 13 (2718)]



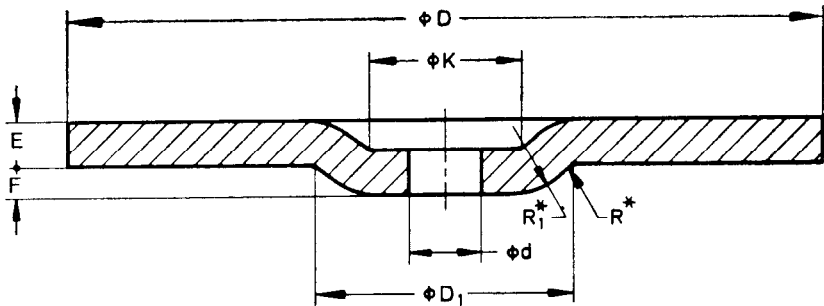
Indian Standard

DIMENSIONS FOR  
DEPRESSED CENTRE WHEELS  
TYPE 27

1. Scope — Covers the dimensions for depressed centre wheels Type 27 with fabric reinforcement.

2. Dimensions

2.1 Dimensions for Cutting-off Grinding Wheels



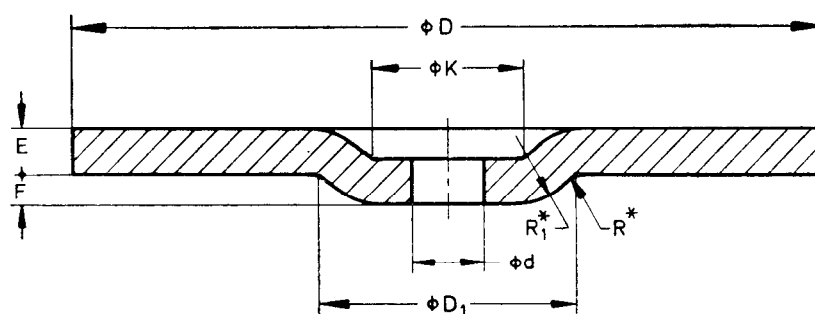
\*See Explanatory Note.

All dimensions in millimetres.

D	E				d	F	D <sub>1</sub>	K
	2·5	3·2	5	6				
80	×	×	—	—	9·53	4·0	34·0	20·0
100	×	×	—	—				
180	×	×	—	—	22·23	4·8	68·0	42·0
181	×	×	—	—	22·5	4·7	62·2	45·8
230	×	×	—	—	22·23	4·8	68·0	42·0
400	—	—	×	—	76·20	7·5	146·3	120·8
500	—	—	—	×				

**Note** — The internal profile is not specified and is left to manufacturer's discretion and they shall maintain dimensions K and E which are fixed.

## 2.2 Dimensions for Grinding Wheels for Operations Excluding Cutting Off



\*See Explanatory Note.

All dimensions in millimetres.

D	E				d	F	D <sub>1</sub>	K
	4	6	8	10				
80	×	×	×	×	9.53	4.0	34.0	20.0
100	×	×	×	×				
180	×	×	×	×	22.23	4.8	68.0	42.0
181	×	×	×	×	22.5	4.7	62.2	45.8
230	×	×	×	×	22.23	4.8	68.0	42.0

**Note**—The internal profile is not specified and is left to manufacturer's discretion and they shall maintain dimensions K and E which are fixed.

## EXPLANATORY NOTE

This standard is in line with ISO 2933-1974 'Bonded abrasive products — Grinding wheel dimensions (Part 3)' issued by the International Organization for Standardization.

The dimensions  $R$  and  $R_1$  have not been specified and shall be as agreed between purchaser and manufacturer for the time being. Since, 181 mm size wheel is being used extensively in home as well as in export market, the dimensions of this size of wheel has been included. The tolerance on the hub height ' $F$ ' and bore diameter  $d$  is important and will be incorporated as and when finalized by ISO. Till such time the tolerance to be followed shall be as agreed to between the purchaser and the manufacturer.

On the basis of the experience gained by the industry in the production of these type of wheels, this standard will be revised after five years for completely switching over to all the dimensions specified in ISO 2933.